




APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO.			03985		SHEET 1 OF 2		
	DWG NO.	647.0100	REV:	A	PREPARED BY	J. BECKER	DATE: 7/15/13	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: SHEET METAL							
	APPROVED BY:	ENGR. 	MFG		QC		EFF.	NEXT ORDER
TRANSACTION CODES (TC): A-ADD R-REVISE		C-CREATE D-DELETE		REASON: REVISED NOTE 2. ADDED 647.0117				

IS

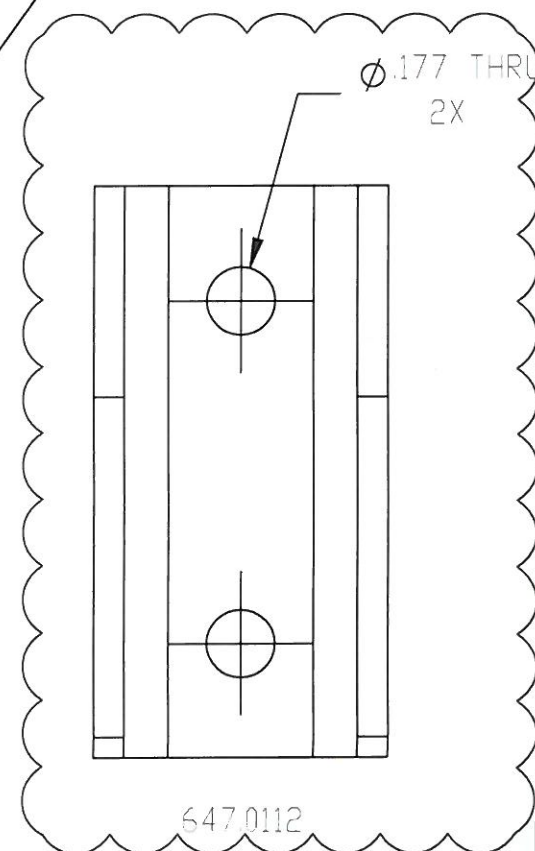
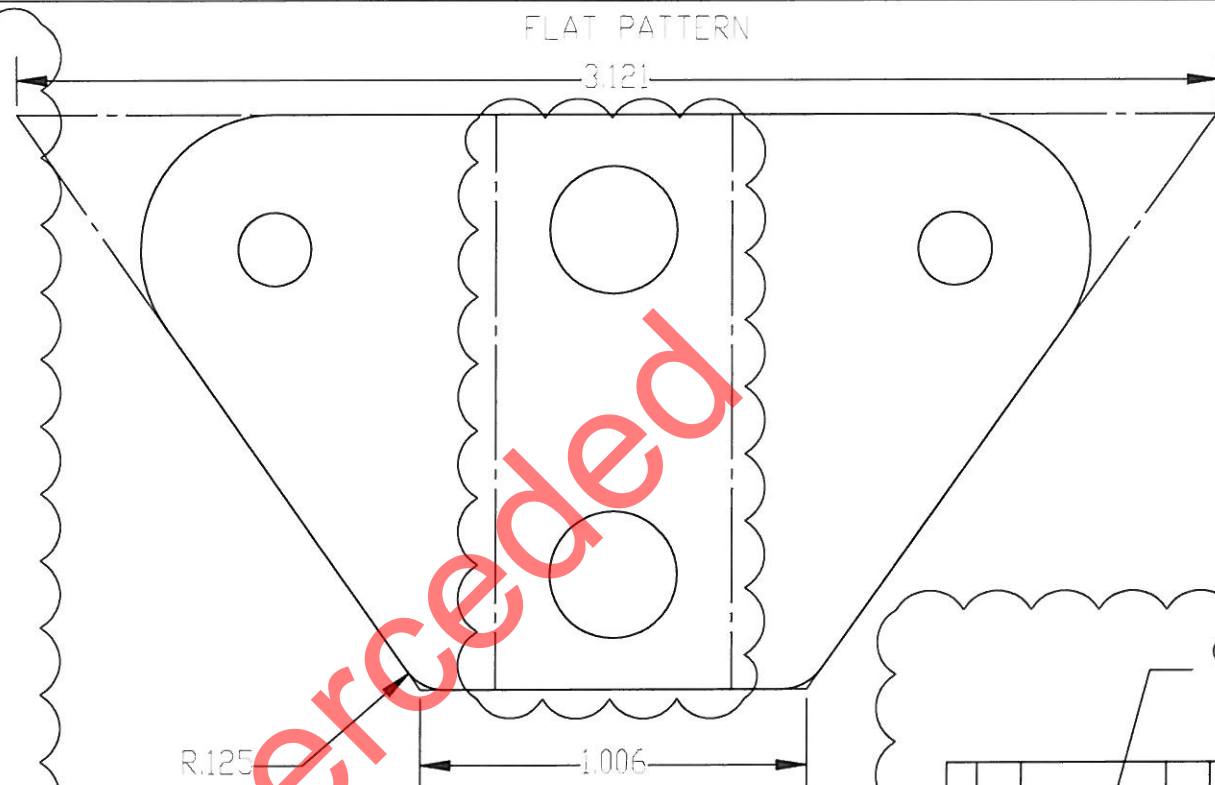
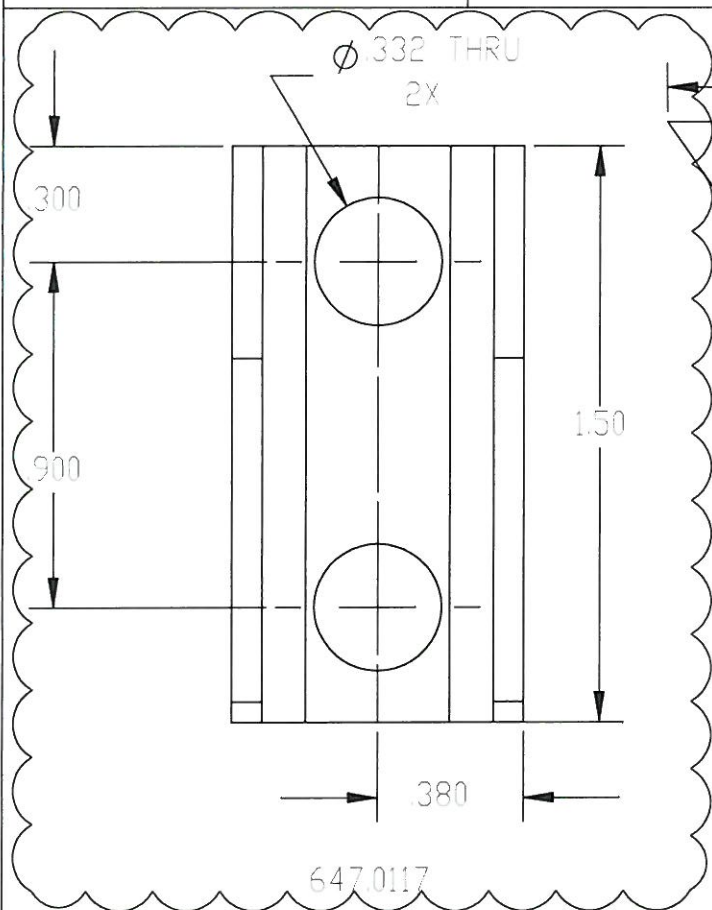
NOTES:

- 1 MATERIAL: ALUMINUM 2024-T3 PER AMS-QQ-A-250/4.
- 2 FINISH: IAW MPP-172 ANODIZE IAW SECTION 2.1, PRETREATMENT IAW SECTION 3.1 AND PRIMER IAW SECTION 4.1.
- 3. DEBURR AND BREAK ALL SHARP EDGES.
- 4. IDENTIFY IAW MPP-120.
- 5 MATERIAL: 304 SS IAW AMS 5643.
- 6 FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N.
- 7 OTHER DIMENSIONS SAME AS 647.0112.

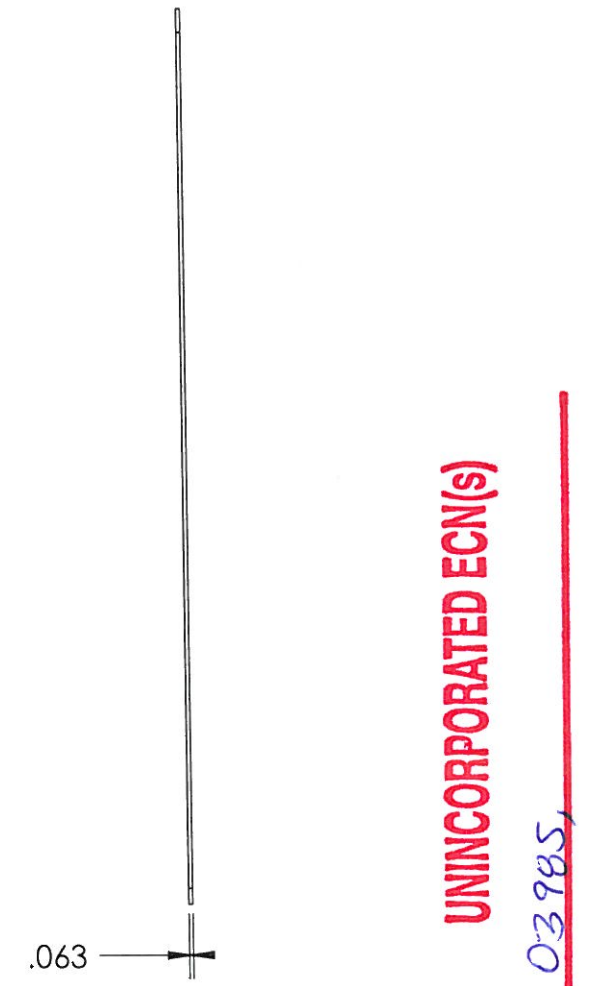
Superseded

SHEET 1, ZONE D1 IS:

	C	647.0117			STRUT BRACKET	△	△
F/N	TC	PART NUMBER			DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUCTIONS <input type="checkbox"/> ICA <input type="checkbox"/> FMS <input type="checkbox"/> BOM						<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

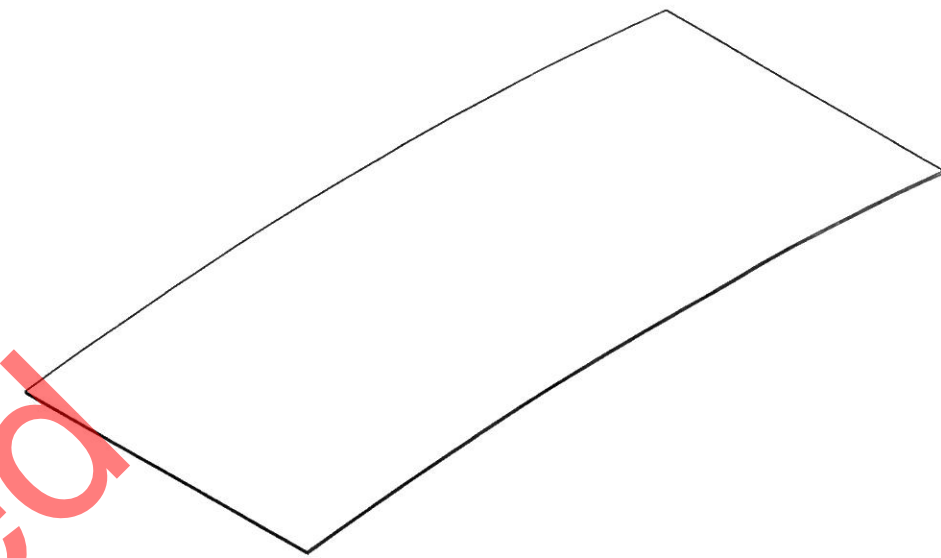
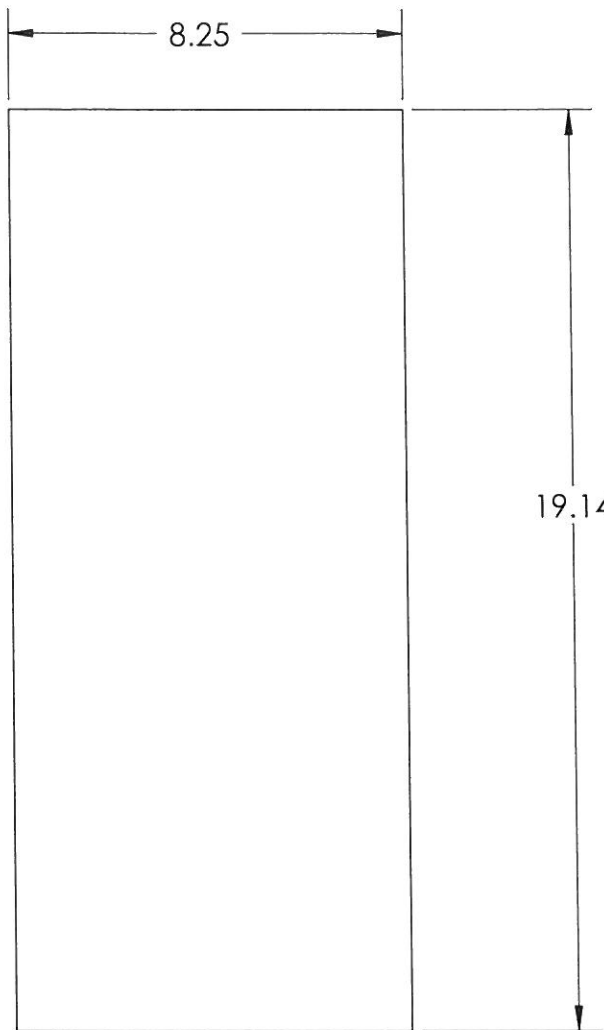


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		N/C
N/C	INITIAL RELEASE	05/28/09	P. BRAVO
A	INCORPORATED ECN 02722, 02964, 03089	04/28/11	P. BRAVO

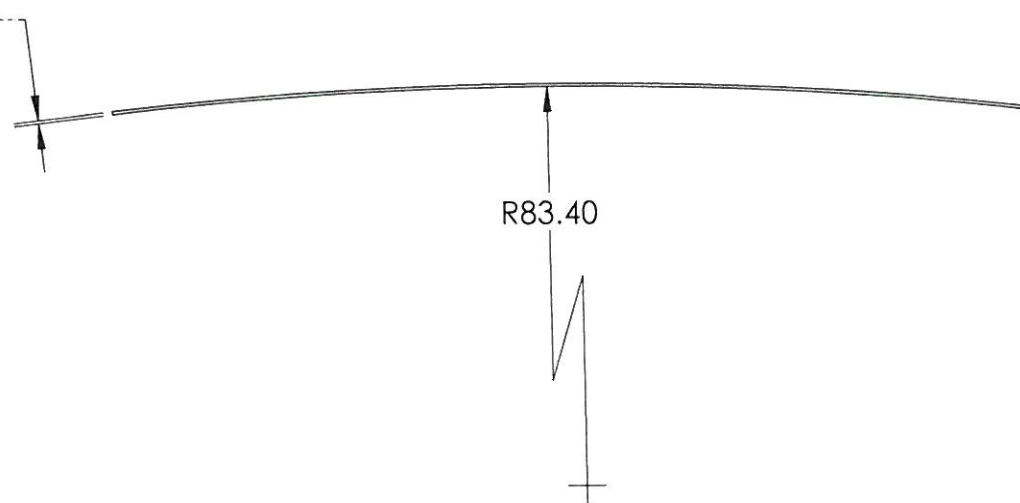


			647.0116	DOUBLER	$\triangle 1$	$\triangle 2$	
			647.0115	CLIP	$\triangle 1$	$\triangle 2$	
			647.0114	CLIP	$\triangle 1$	$\triangle 2$	
			647.0113	STRUT DOUBLER	$\triangle 1$	$\triangle 2$	
			647.0112	STRUT BRACKET	$\triangle 5$	$\triangle 6$	
			647.0111	PANEL	$\triangle 1$	$\triangle 2$	
			647.0110	ROOF DOUBLER	$\triangle 1$	$\triangle 2$	
		FIND #	PART #	DESCRIPTION	MAT'L	SPEC.	
QTY			PARTS LIST				
NEXT ASSY (S) 646.9500		ORIGINAL DATE (MO-DA-YR) 05-28-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 SHEETMETAL			
		DRAWN BY R. ROSANO					CHECKER P. BRAVO
		DRAWING APPROVAL P. BRAVO					
		05-28-09					
		CONTRACT No					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS \pm .01 3 PLACE DECIMALS \pm .005 ANGLES \pm .5°		SIZE B CAGE CODE 07M26 DWG NO 647.0100 REV A			
				SCALE NONE		SHEET 1 OF 6	

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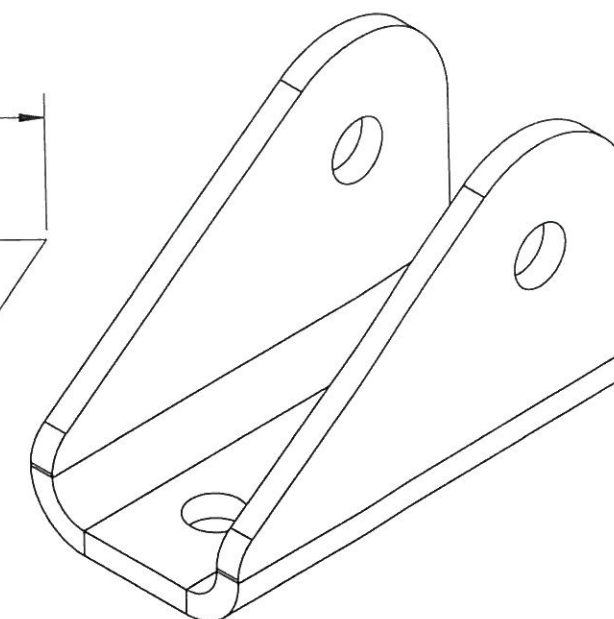
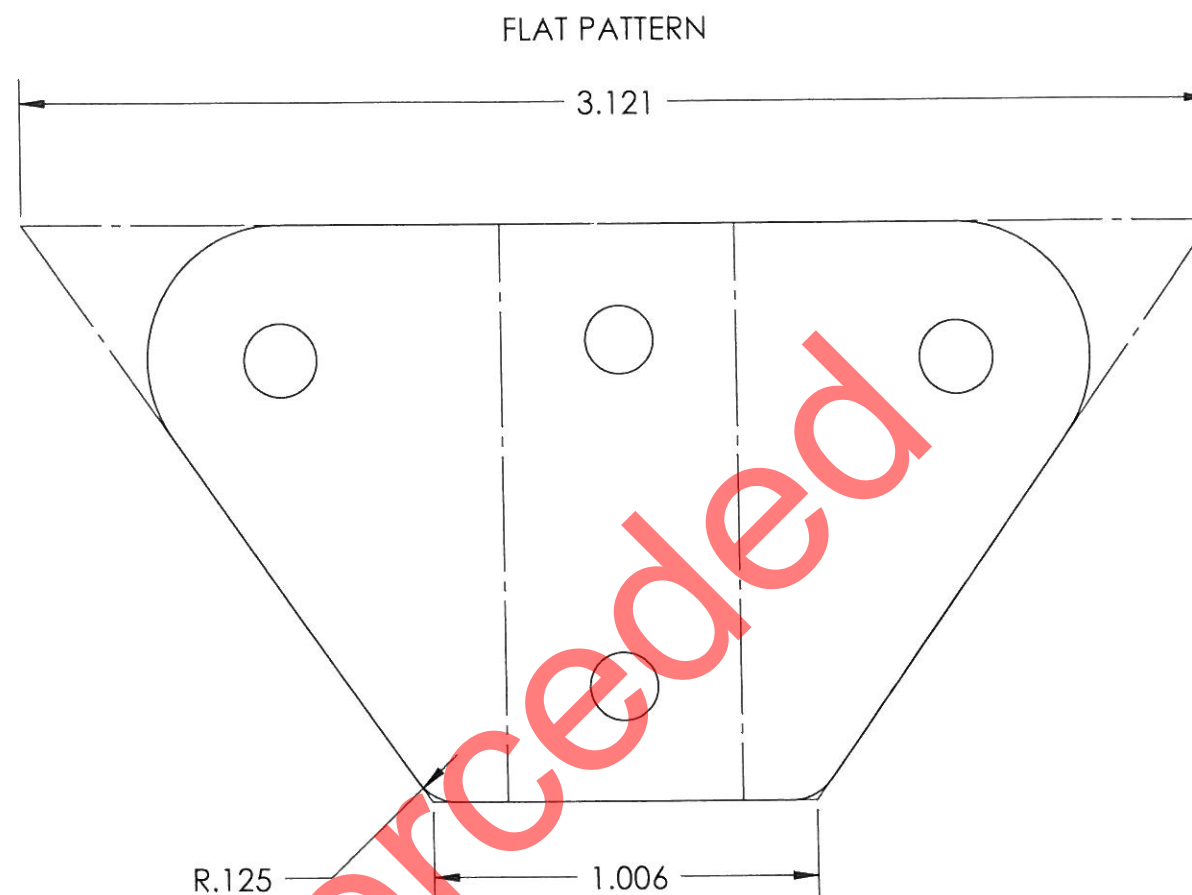
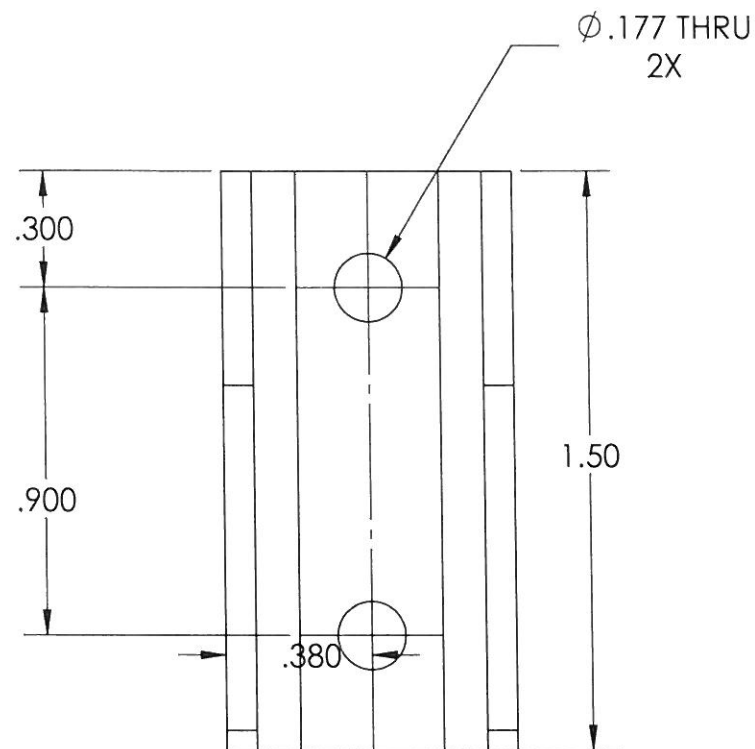
FLAT PATTERN



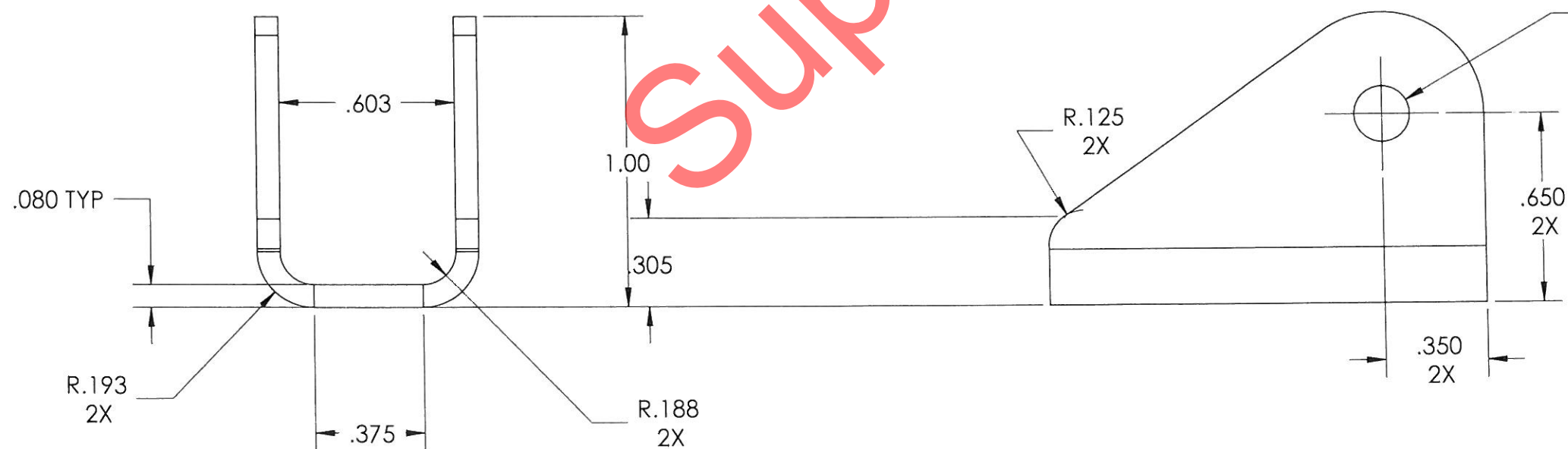
ORIGINAL DATE (MO-DA-YR) 05-28-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO		SHEETMETAL	
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 5°		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 647.0100	REV. A
		SCALE: NONE	
		SHEET 2 OF 6	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



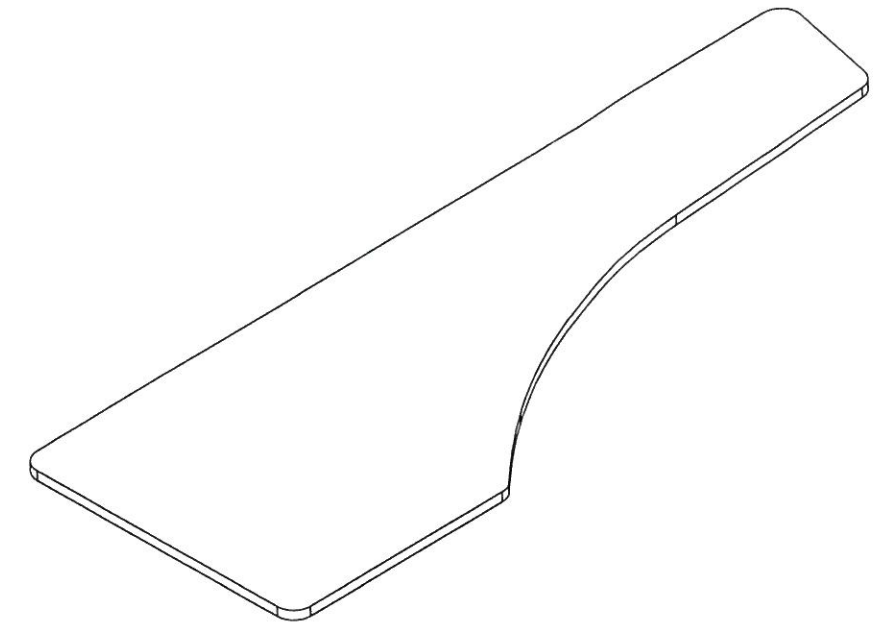
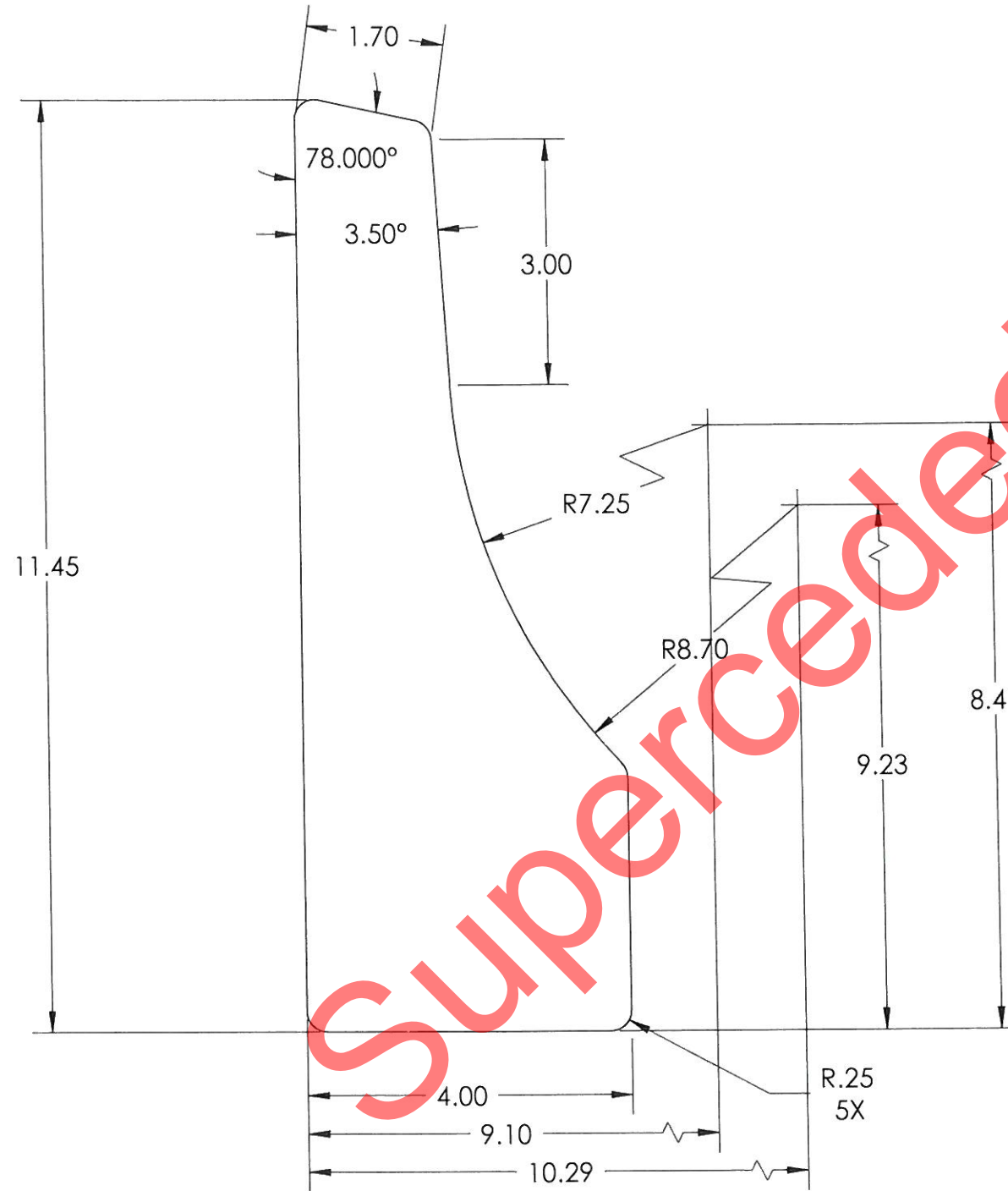
647.0112



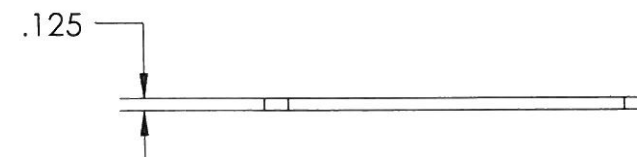
ORIGINAL DATE (MO-DA-YR) 05-28-09		APICAL INDUSTRIES	
DRAWN BY R. ROSANO	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL P. BRAVO 05-28-09		SHEETMETAL	
CONTRACT No.		SIZE B	REV. A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		DWG. NO. 647.0100	SCALE NONE
		SHEET 3 OF 6	

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REVISIONS			
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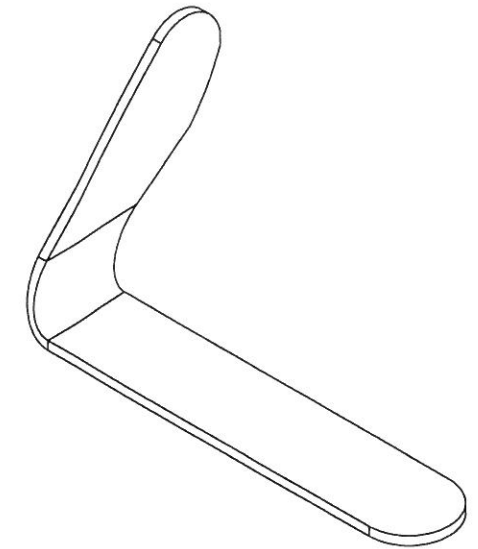
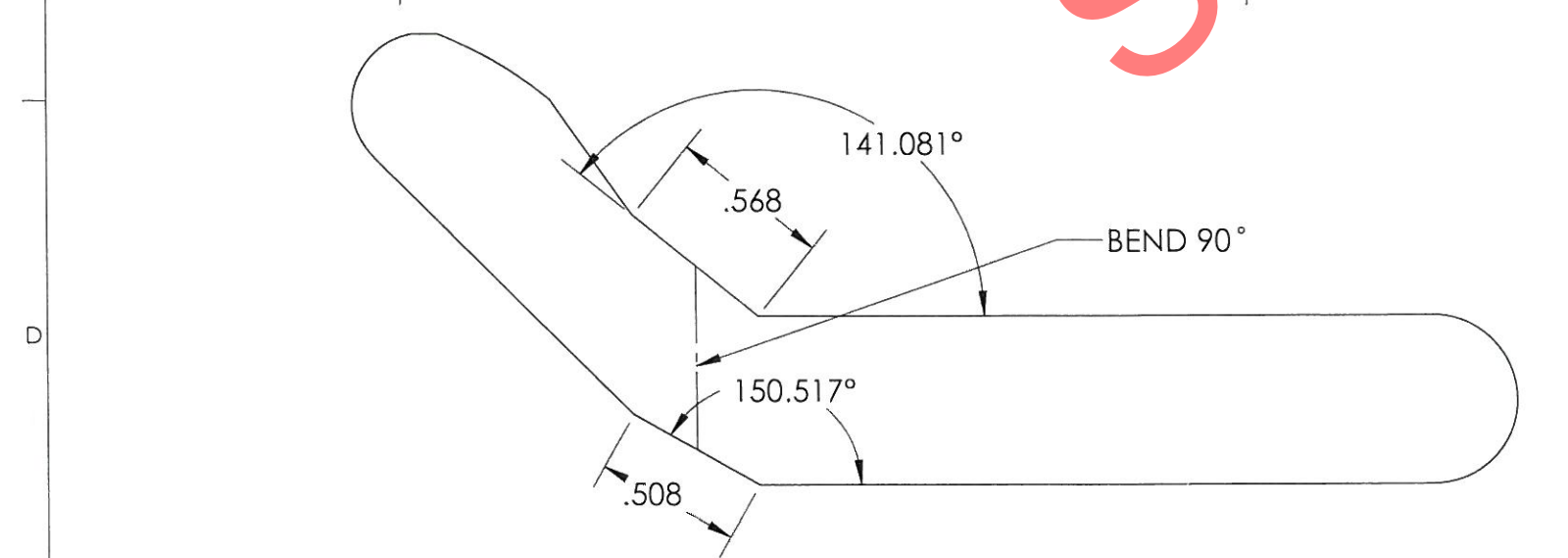
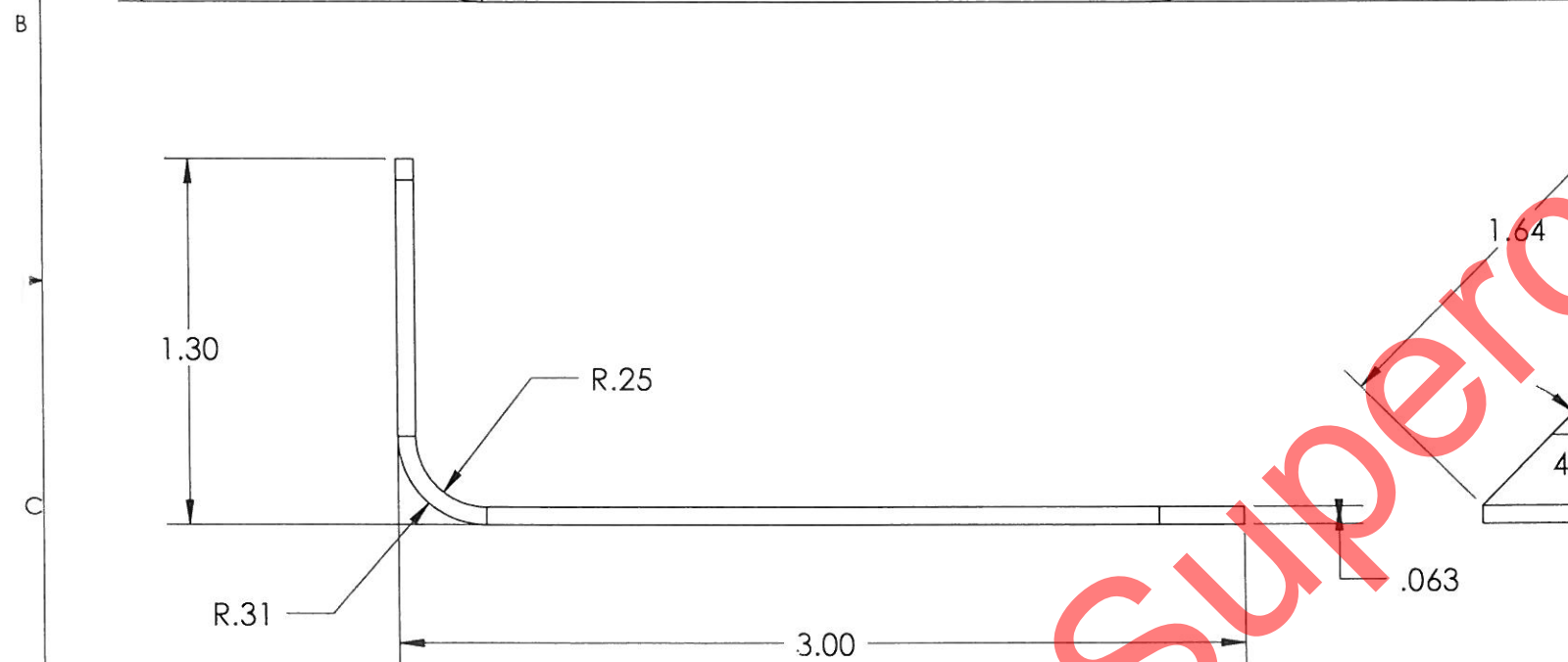
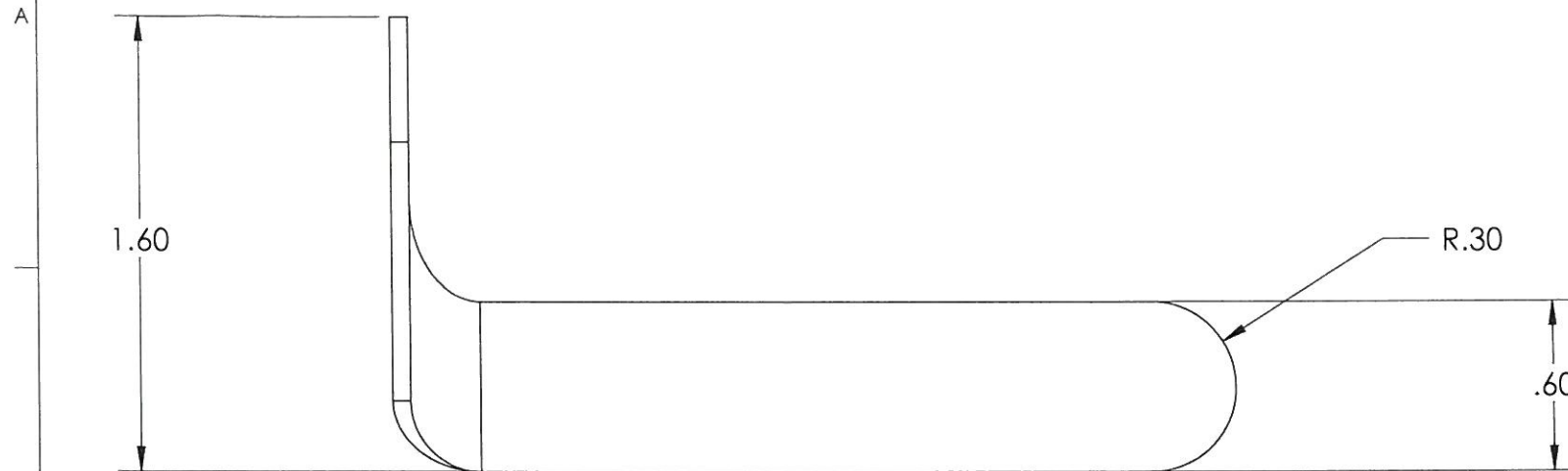
647.0113



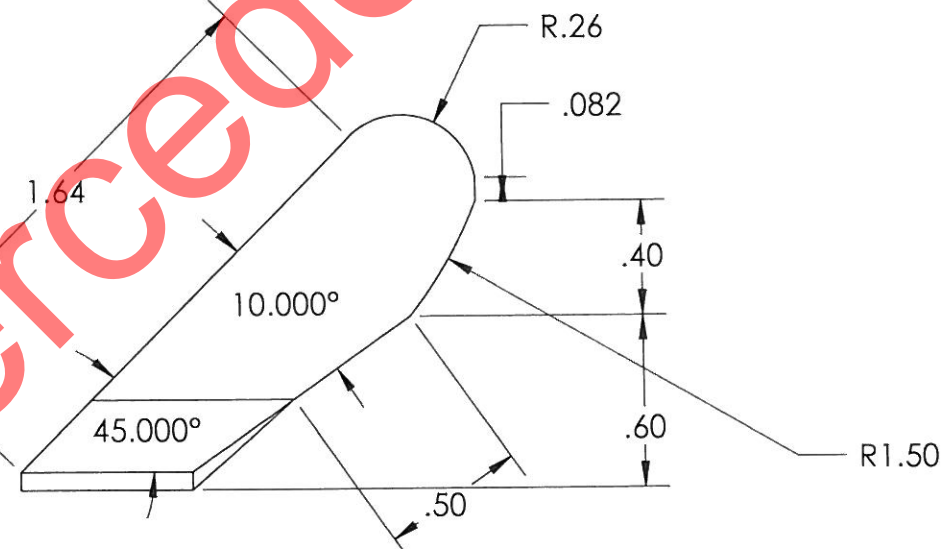
ORIGINAL DATE (MO-DA-YR) 05-28-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY P. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 05-28-09		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± 5°		SIZE B	REV. A
		CAGE CODE 07MZ6	
		DWG. NO. 647.010J	
		SCALE NONE	SHEET 4 OF 6

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



647.0114 SHOWN
647.0115 OPPOSITE



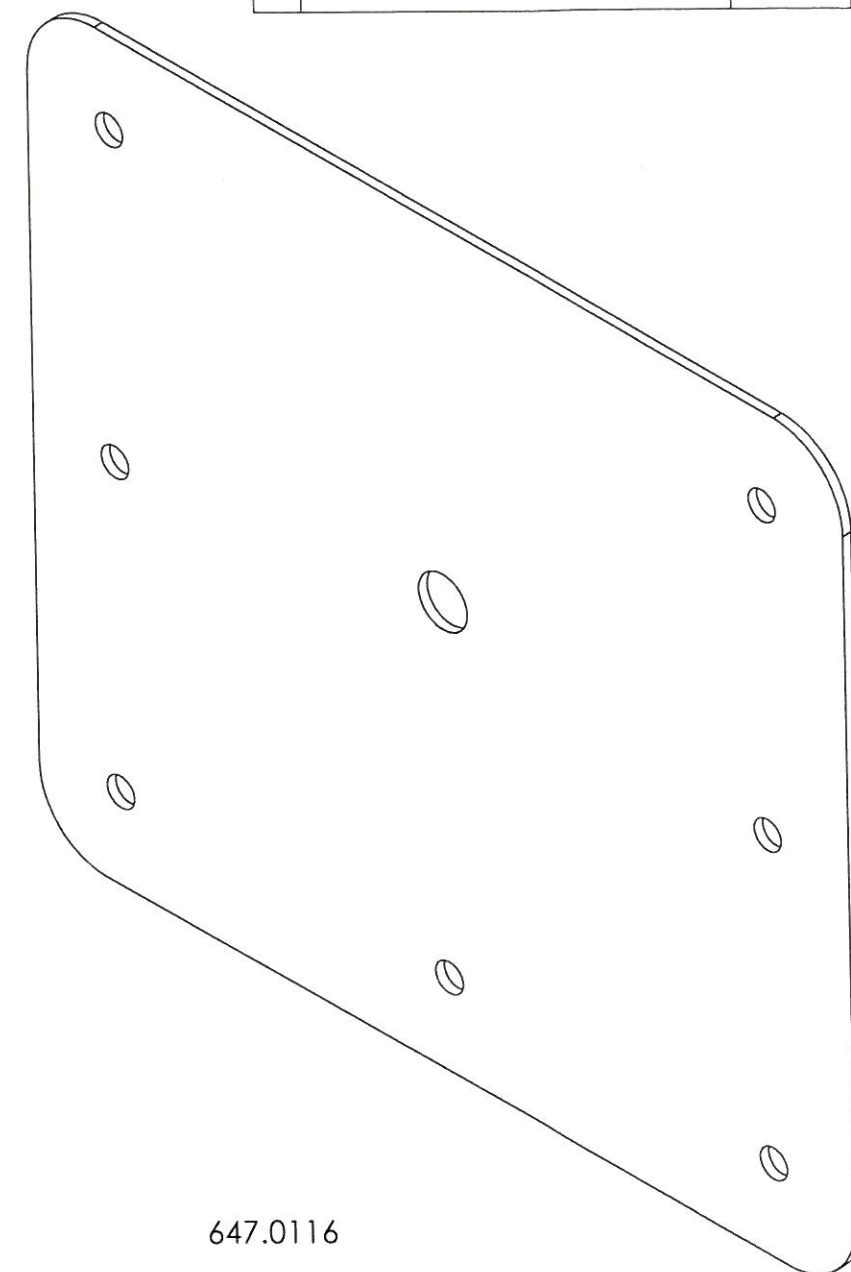
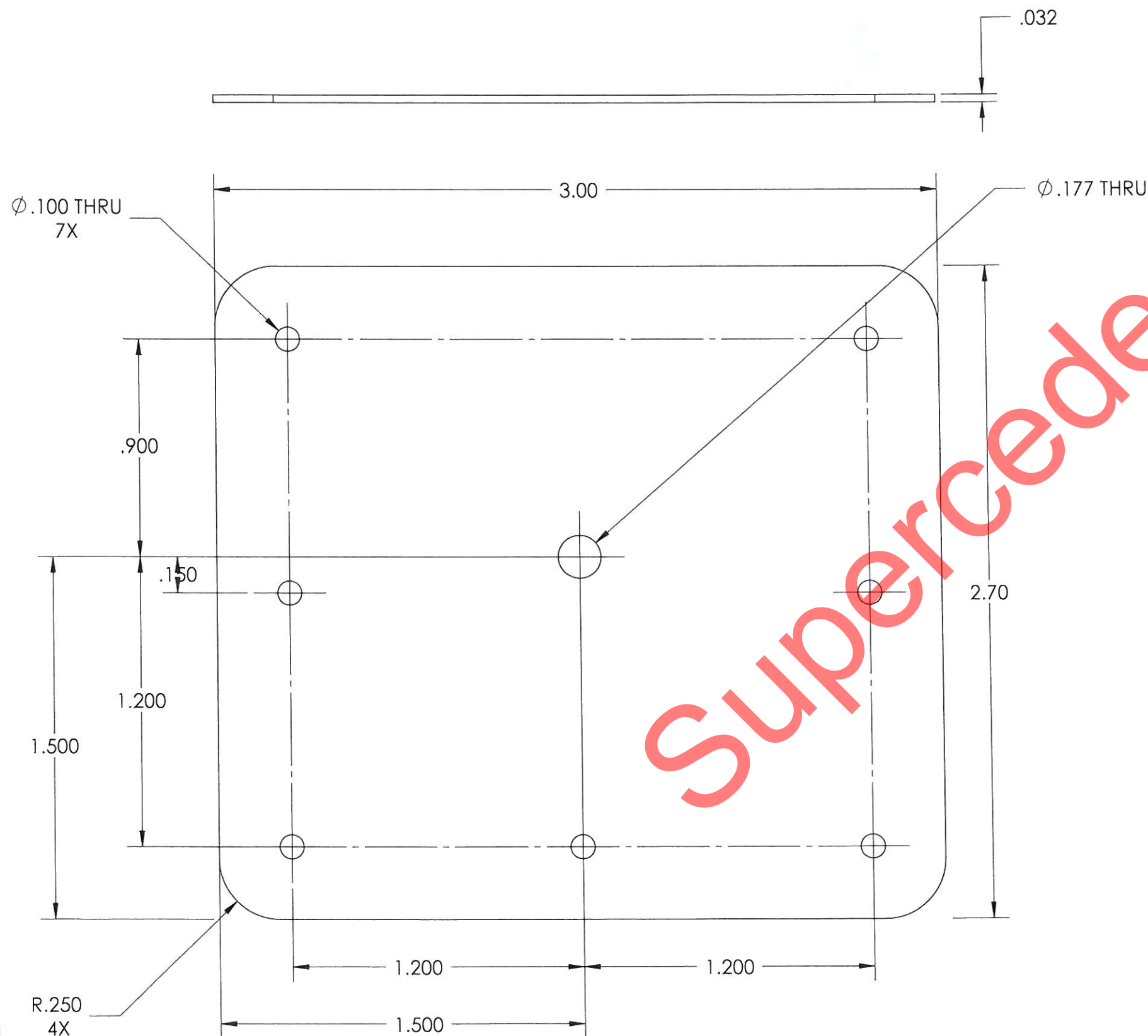
FLAT PATTERN

ORIGINAL DATE (MO-DA-YR) 05-28-09		APICAL INDUSTRIES	
DRAWN BY R. ROSANO	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 05-28-09		SHEETMETAL	
CONTRACT NO.		SIZE B	CAGE CODE 07MZ6
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 5°		DWG. NO. 647.0100	REV. A
SCALE NONE		SHEET 5 OF 6	

1 2 3 4 5 6 7 8

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



647.0116

ORIGINAL DATE [MO-DA-YR] 05-28-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 05-28-09		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm 5^\circ$		SIZE B	REV. A
CAGE CODE 07MZ6		DWG NO. 647.0100	
SCALE NONE		SHEET 6 OF 6	